

In-hwan Baek

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69 papers	710 citations	15 h-index	22 g-index
73 ext. papers	844 ext. citations	3.9 avg, IF	4.22 L-index

#	Paper	IF	Citations
69	Fabrication of high-performance p-type thin film transistors using atomic-layer-deposited SnO films. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 3139-3145	7.1	53
68	Preparation and evaluation of solid dispersion of atorvastatin calcium with Soluplus [®] by spray drying technique. <i>Chemical and Pharmaceutical Bulletin</i> , 2014 , 62, 545-51	1.9	50
67	Synthesis of SnS Thin Films by Atomic Layer Deposition at Low Temperatures. <i>Chemistry of Materials</i> , 2017 , 29, 8100-8110	9.6	49
66	Fabrication and evaluation of valsartan-polymer- surfactant composite nanoparticles by using the supercritical antisolvent process. <i>International Journal of Nanomedicine</i> , 2014 , 9, 5167-76	7.3	35
65	Formulation, characterization, and in vivo evaluation of celecoxib-PVP solid dispersion nanoparticles using supercritical antisolvent process. <i>Molecules</i> , 2014 , 19, 20325-39	4.8	34
64	Preparation and in vivo evaluation of a dutasteride-loaded solid-supersaturatable self-microemulsifying drug delivery system. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 10821-33	6.3	26
63	Preparation and Evaluation of Resveratrol-Loaded Composite Nanoparticles Using a Supercritical Fluid Technology for Enhanced Oral and Skin Delivery. <i>Antioxidants</i> , 2019 , 8,	7.1	26
62	Enhancement of dissolution and bioavailability of ezetimibe by amorphous solid dispersion nanoparticles fabricated using supercritical antisolvent process. <i>Journal of Pharmaceutical Investigation</i> , 2015 , 45, 641-649	6.3	25
61	Dissolution and oral absorption of pranlukast nanosuspensions stabilized by hydroxypropylmethyl cellulose. <i>International Journal of Biological Macromolecules</i> , 2014 , 67, 53-7	7.9	22
60	Dissolution and bioavailability of lercanidipine-hydroxypropylmethyl cellulose nanoparticles with surfactant. <i>International Journal of Biological Macromolecules</i> , 2015 , 72, 218-22	7.9	20
59	Determination and correlation of solubility of sarpogrelate hydrochloride in eight solvents at different temperatures. <i>Journal of Molecular Liquids</i> , 2017 , 237, 141-145	6	18
58	Enhanced supersaturation and oral absorption of sirolimus using an amorphous solid dispersion based on Eudragit [®] L. <i>Molecules</i> , 2015 , 20, 9496-509	4.8	18
57	Oral absorption of a valsartan-loaded spray-dried emulsion based on hydroxypropylmethyl cellulose. <i>International Journal of Biological Macromolecules</i> , 2014 , 69, 222-8	7.9	17
56	Development of a Resveratrol Nanosuspension Using the Antisolvent Precipitation Method without Solvent Removal, Based on a Quality by Design (QbD) Approach. <i>Pharmaceutics</i> , 2019 , 11,	6.4	17
55	Development of megestrol acetate solid dispersion nanoparticles for enhanced oral delivery by using a supercritical antisolvent process. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 4269-77	4.4	15
54	Solubility of cilostazol in the presence of polyethylene glycol 4000, polyethylene glycol 6000, polyvinylpyrrolidone K30, and poly(1-vinylpyrrolidone-co-vinyl acetate) at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2017 , 113, 6-10	2.9	14
53	Pure -Resveratrol Nanoparticles Prepared by A Supercritical Antisolvent Process Using Alcohol and Dichloromethane Mixtures: Effect of Particle Size on Dissolution and Bioavailability in Rats. <i>Antioxidants</i> , 2020 , 9,	7.1	14

52	Pharmacokinetic/pharmacodynamic modeling of the cardiovascular effects of beta blockers in humans. <i>Archives of Pharmacol Research</i> , 2008 , 31, 814-21	6.1	14
51	Determination and correlation of solubility of pranlukast hemihydrate in five organic solvents at different temperatures and its dissolution properties. <i>Journal of Molecular Liquids</i> , 2017 , 225, 231-234	6	13
50	Fabrication and evaluation of celecoxib microparticle surface modified by hydrophilic cellulose and surfactant. <i>International Journal of Biological Macromolecules</i> , 2015 , 72, 1473-8	7.9	12
49	Characterization and therapeutic efficacy evaluation of glimepiride and L-arginine co-amorphous formulation prepared by supercritical antisolvent process: Influence of molar ratio and preparation methods. <i>International Journal of Pharmaceutics</i> , 2020 , 581, 119232	6.5	12
48	PI3K β contributes to ER stress-associated asthma through ER-redox disturbances: the involvement of the RIDD-RIG-I-NF- κ B axis. <i>Experimental and Molecular Medicine</i> , 2018 , 50, e444	12.8	12
47	Comparison of average, scaled average, and population bioequivalence methods for assessment of highly variable drugs: an experience with doxifluridine in beagle dogs. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 39, 175-80	5.1	12
46	Biopharmaceutical characterization of decursin and their derivatives for drug discovery. <i>Drug Development and Industrial Pharmacy</i> , 2013 , 39, 1523-30	3.6	10
45	Simultaneous analysis of naltrexone and its major metabolite, 6-beta-naltrexol, in human plasma using liquid chromatography-tandem mass spectrometry: Application to a parent-metabolite kinetic model in humans. <i>Talanta</i> , 2007 , 71, 1553-9	6.2	10
44	Physicochemical characterization and toxicity of decursin and their derivatives from <i>Angelica gigas</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2012 , 35, 1084-90	2.3	9
43	Population PK/PD analysis of metformin using the signal transduction model. <i>British Journal of Clinical Pharmacology</i> , 2012 , 74, 815-23	3.8	9
42	Population pharmacokinetics of multiple alcohol intake in humans. <i>Alcohol</i> , 2013 , 47, 159-65	2.7	8
41	Effects of smoking on the pharmacokinetics and pharmacodynamics of a nicotine patch. <i>Biopharmaceutics and Drug Disposition</i> , 2008 , 29, 521-8	1.7	8
40	Design of a gelatin microparticle-containing self-microemulsifying formulation for enhanced oral bioavailability of dutasteride. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 3231-8	4.4	7
39	Influence of dissolved oxygen concentration on the pharmacokinetics of alcohol in humans. <i>Alcoholism: Clinical and Experimental Research</i> , 2010 , 34, 834-9	3.7	7
38	Quantitative Determination of Amitriptyline and Its Metabolite in Rat Plasma by Liquid Chromatography-tandem Mass Spectrometry. <i>Bulletin of the Korean Chemical Society</i> , 2012 , 33, 2163-2167	1.2	7
37	Comparative Efficacy of Oral Calcitonin-Receptor-Related Peptide Antagonists for the Treatment of Acute Migraine: Updated Meta-analysis. <i>Clinical Drug Investigation</i> , 2021 , 41, 119-132	3.2	7
36	Enhanced Bioavailability of Tadalafil after Intranasal Administration in Beagle Dogs. <i>Pharmaceutics</i> , 2018 , 10,	6.4	7
35	Effect of dronedarone on the pharmacokinetics of carvedilol following oral administration to rats. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 111, 13-19	5.1	6

34	A simple pharmacokinetic model of alendronate developed using plasma concentration and urine excretion data from healthy men. <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 1325-9	3.6	6
33	Effect of food intake on the pharmacokinetics of sarpogrelate and its active metabolite following oral administration to beagle dogs. <i>Xenobiotica</i> , 2013 , 43, 895-900	2	6
32	Development of a pharmacokinetic/pharmacodynamic/disease progression model in NC/Nga mice for development of novel anti-atopic dermatitis drugs. <i>Xenobiotica</i> , 2014 , 44, 975-87	2	6
31	Effect of decursin on the pharmacokinetics of theophylline and its metabolites in rats. <i>Journal of Ethnopharmacology</i> , 2012 , 144, 248-54	5	6
30	Simultaneous determination of L-arginine, asymmetric dimethylarginine, and symmetric dimethylarginine in the plasma of rodents with LC-MS/MS. <i>Arzneimittelforschung</i> , 2011 , 61, 340-6		6
29	Enhanced Oral Bioavailability of Resveratrol by Using Neutralized Eudragit E Solid Dispersion Prepared via Spray Drying. <i>Antioxidants</i> , 2021 , 10,	7.1	6
28	Dose proportionality and pharmacokinetics of dronedarone following intravenous and oral administration to rat. <i>Xenobiotica</i> , 2019 , 49, 734-739	2	5
27	Michaelis-Menten elimination kinetics of etanercept, rheumatoid arthritis biologics, after intravenous and subcutaneous administration in rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2016 , 41, 433-9	2.7	4
26	Effects of food intake on pharmacokinetics of mosapride in beagle dogs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015 , 38, 497-9	1.4	4
25	A phase I study to characterize the multiple-dose pharmacokinetics, pharmacodynamics and safety of new enteric-coated triflusal formulations in healthy male volunteers. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2011 , 7, 1471-9	5.5	4
24	Development of a population pharmacokinetic model to describe olmesartan medoxomil/hydrochlorothiazide (20/12.5 mg) FDC tablet in male healthy South Korean subjects. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2014 , 52, 676-83	2	4
23	Oral bioavailability and pharmacokinetics of esculetin following intravenous and oral administration in rats. <i>Xenobiotica</i> , 2021 , 51, 811-817	2	4
22	Pharmacokinetic modeling and simulation of etodolac following single oral administration in dogs. <i>Xenobiotica</i> , 2019 , 49, 981-986	2	4
21	Pharmacokinetic modeling and Monte Carlo simulation of ondansetron following oral administration in dogs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015 , 38, 199-202	1.4	3
20	Pharmaceutical Characterization and In Vivo Evaluation of Orlistat Formulations Prepared by the Supercritical Melt-Adsorption Method Using Carbon Dioxide: Effects of Mesoporous Silica Type. <i>Pharmaceutics</i> , 2020 , 12,	6.4	3
19	Preparation and Characterization of TPGS-Colloidal Silica Microparticles for Enhancement of Solubility and Oral Bioavailability of Lercanidipine Hydrochloride. <i>Bulletin of the Korean Chemical Society</i> , 2016 , 37, 660-666	1.2	3
18	Pharmacokinetic analysis of doxifluridine and its metabolites, 5-fluorouracil and 5-fluorouridine, after oral administration in beagle dogs. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2013 , 38, 295-9	2.7	2
17	Improving dissolution and oral bioavailability of pranlukast hemihydrate by particle surface modification with surfactants and homogenization. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 3257-66	1.4	2

16	Modelling the atypical absorption of menatetrenone and the metabolism to its epoxide: effect of VKORC1 polymorphism. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2011 , 36, 390-8	2.2	2
15	Pharmacokinetic and bioequivalence study of sugar-coated and film-coated eperisone tablets in healthy subjects: A randomized, open-label, three-way, reference-replicated crossover study?. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2019 , 57, 55-62	2	2
14	Pharmacokinetic Study of a Soft Gelatin Capsule and a Solid-Supersaturatable SMEDDS Tablet of Dutasteride in Beagle Dogs. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2020 , 45, 235-247	2.7	2
13	Determination of influence of food intake after a single oral dose of mosapride in beagle dogs using nonlinear mixed effect modeling. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015 , 38, 590-5	1.4	1
12	Development and Validation of a Robust LC-MS/MS Method for the Simultaneous Quantification of Doxifluridine and its Two Metabolites in Beagle Dog Plasma. <i>Bulletin of the Korean Chemical Society</i> , 2010 , 31, 2235-2241	1.2	1
11	Interspecies differences on pharmacokinetics of rebamipide following oral administration to rats and dogs. <i>Biopharmaceutics and Drug Disposition</i> , 2020 , 41, 268-272	1.7	
10	Oxygenated Alcohol Sober Faster!. <i>Alcoholism: Clinical and Experimental Research</i> , 2010 , 34, 1673-1674	3.7	
9	A Comparative Study on the Clinical Efficacy and Safety between Combination Therapy with CDK 4/6 Inhibitor and AI Versus AI Monotherapy in HR+/HER type2- Advanced Breast Cancer: Updated Meta-analysis. <i>Korean Journal of Clinical Pharmacy</i> , 2020 , 30, 1-10	0.2	
8	Meta-analysis on the Efficacy of Glutamate Receptor Antagonists for Acute Migraine Treatment. <i>Korean Journal of Clinical Pharmacy</i> , 2019 , 29, 247-253	0.2	
7	Pharmacokinetic analysis of two different doses of simvastatin following oral administration in dogs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2021 , 44, 333-341	1.4	
6	A Comparison of International Guidelines for Pediatric Asthma Pharmacotherapy. <i>Korean Journal of Clinical Pharmacy</i> , 2017 , 27, 113-118	0.2	
5	Simultaneous Determination of Olanzapine and its Major Metabolite N-Desmethyl Olanzapine in Rat Plasma by HPLC-MS/MS: Application of PK in Rat. <i>Bulletin of the Korean Chemical Society</i> , 2013 , 34, 2567-2568	1.2	
4	Pharmacokinetics of eperisone following oral administration in healthy Korean volunteers. <i>Biopharmaceutics and Drug Disposition</i> , 2021 , 42, 94-102	1.7	
3	Pharmacokinetic analysis of mosapride following intravenous and oral administration in beagle dogs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020 , 43, 454-460	1.4	
2	Gender differences and dose proportionality in the toxicokinetics of udenafil and its active metabolite following oral administration in rodents. <i>Toxicology and Applied Pharmacology</i> , 2021 , 410, 115339	4.6	
1	Pharmacokinetic interaction between dronedarone and ticagrelor following oral administration in rats. <i>Xenobiotica</i> , 2021 , 51, 194-201	2	